

FIG. 11a

Amino Acid Sequence of Thymosin β_4 and other β -Thymosins

	5	10	15	20	25	30	35	40	
HELIX.....								
T β_4	ac-SDKP DMAEI	EXFDK SKLKK	TETQE KNPLP	SKETI EOEKQ	AGES				SEQ ID NO: 2
T β_4 Ala	ac-ADKP DMAEI	EXFDK SKLKK	TETQE KNPLP	SKETI EOEKQ	AGES				SEQ ID NO: 3
T β_4 Xen	ac-SDKP DMAEI	EXFDK AKLKK	TETQE KNPLP	SKETI EOEKQ	STES				SEQ ID NO: 4
T β_9	ac-ADKP DI GEI	NSFDK AKLKK	TETQE KNPLP	TKETI EOEKQ	AK				SEQ ID NO: 5
T β_9 Met	ac-ADKP DMGEI	NSFDK AKLKK	TETQE KNPLP	TKETI EOEKQ	AK				SEQ ID NO: 6
T β_{10}	ac-ADKP DMGEI	ASFDK AKLKK	TETQE KNPLP	TKETI EOEKQ	SEIS				SEQ ID NO: 7
T β_{11}	ac-SDKP NIEEV	ASFDK TKLKK	TETQE KNPLP	TKETI EOEKQ	AS				SEQ ID NO: 8
T β_{12}	ac-SDKP DIAEV	SNFDK TKLKK	TETQE KNPLP	TKETI EOEKQ	ATA				SEQ ID NO: 9
T β_{12} perch	ac-SDKP DI SEV	TSFDK TKLKK	TETQE KNPLP	SKETI EOEKQ	AATS				SEQ ID NO: 10
T β_{13}	ac-ADKP DMGEI	ASFDK AKLKK	TETQE KNPLP	TKETI EOEKQ	AK				SEQ ID NO: 11
T β_{14}	ac-SDKP DI SEV	SSFDK TKLKK	TETQE KNPLP	TKETI EOEKQ	A				SEQ ID NO: 12
T β_{15}	ac-SDKP DI SEV	ETFDK SKLKK	INUEE KNPLP	SKETI EOEKQ	YNQRS				SEQ ID NO: 13
T β scallops	ac-SDKP FVSEV	ANFDK SKLKK	TETQE KNPLP	TKETI EOEKQ	A				SEQ ID NO: 14
T β sea urch	ac-ADKP DVSEV	STFDK SKLKK	TETQE KNPLP	TKETI EOEKQ	G				SEQ ID NO: 15